

Project Audit



Project:
Champlnu

January 6, 2022



Champlnu

+

Champlnu



Overview

This audit has been prepared for **Champlnu** to review the main aspects of the project to help investors make make an informative decision in the research process.

You will find a a summarized review of the following main key point::

- Contract's source code
- Project and team
- Website
- Social media & online presence

NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.

Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"
– SpyWolf Team

Smart Contract Summary

Contract Name	ChampInu
Ticker	\$CHAMPINU
Contract	0x44C263E76814dCf9c710E992306c4FdfBfB0429D
Network	Binance Smart Chain
Language	Solidity
Tax	Marketing Fee: 5% Reflection Fee: 7% (8% on sell) Total Fees: 12% buy - 13% sell
Total Supply	1,000,000,000,000,000
Contract Type	Reward/Buyback Token
Status	Not Yet Launched

Current Stats

Burn	No Burned Tokens
Buy back Sell Limit Amount	100,000
Max TX Amount	3,000,000,000,000

Smart Contract Statistics

Transfer Count	1
Uniq Senders	1
Uniq Receivers	1
Total Amount	1,000,000,000,000,000
Median Transfer Amount	1,000,000,000,000,000
Average Transfer Amount	1,000,000,000,000,000
First transfer date	2022-01-05
Last transfer date	2022-01-05
Days token transfered	1

Token life is low as the token as not yet being released. Not able to determine the health life of this token ⚠️

Featured Wallets

Owner Wallet owns all the tokens, and distribution has not being made. Beware the project can distribute as much amount of tokens to their personal wallets ⚠️

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

Security Threats

Owner can exclude accounts from receiving rewards

```
function excludeFromReward(address account) public onlyOwner() {  
    require(!_isExcluded[account], "Account is already excluded");  
    if(_rOwned[account] > 0) {  
        _tOwned[account] = tokenFromReflection(_rOwned[account]);  
    }  
    _isExcluded[account] = true;  
    _excluded.push(account);  
}
```

Owner can exclude accounts from paying fees

```
function excludeFromFee(address account) public onlyOwner {  
    _isExcludedFromFee[account] = true;  
}
```

Owner can change Rewards Fee, Marketing Fee and Liquidity Fee



```
function setReflectionFeePercent(uint256 reflectionFee) external onlyOwner() {  
    _reflectionFee = reflectionFee;  
}  
  
function setMarketingFeePercent(uint256 marketingFee) external onlyOwner() {  
    _marketingFee = marketingFee;  
}  
  
function setLiquidityFeePercent(uint256 liquidityFee) external onlyOwner {  
    _liquidityFee = liquidityFee;  
}
```

Security Threats

Owner can change Rewards, Marketing and Liquidity sell fee



```
function setSellFee(uint256 sellReflectionFee, uint256 sellMarketingFee, uint256 sellLiquidityFee) external onlyOwner {
    _sellReflectionFee = sellReflectionFee;
    _sellMarketingFee = sellMarketingFee;
    _sellLiquidityFee = sellLiquidityFee;
}
```

Owner can change the max transaction amount – Potential Honey Pot



```
function setMaxTxAmount(uint256 maxTxAmount) external onlyOwner {
    _maxTxAmount = maxTxAmount;
}
```

Owner can disable Buyback and Auto BuyBack

```
function setBuyBackEnabled(bool _enabled) public onlyOwner {
    buyBackEnabled = _enabled;
    emit BuyBackEnabledUpdated(_enabled);
}

function setAutoBuyBackEnabled(bool _enabled) public onlyOwner {
    _isAutoBuyBack = _enabled;
    emit AutoBuyBackEnabledUpdated(_enabled);
}
```


Champinu Project & Team Review

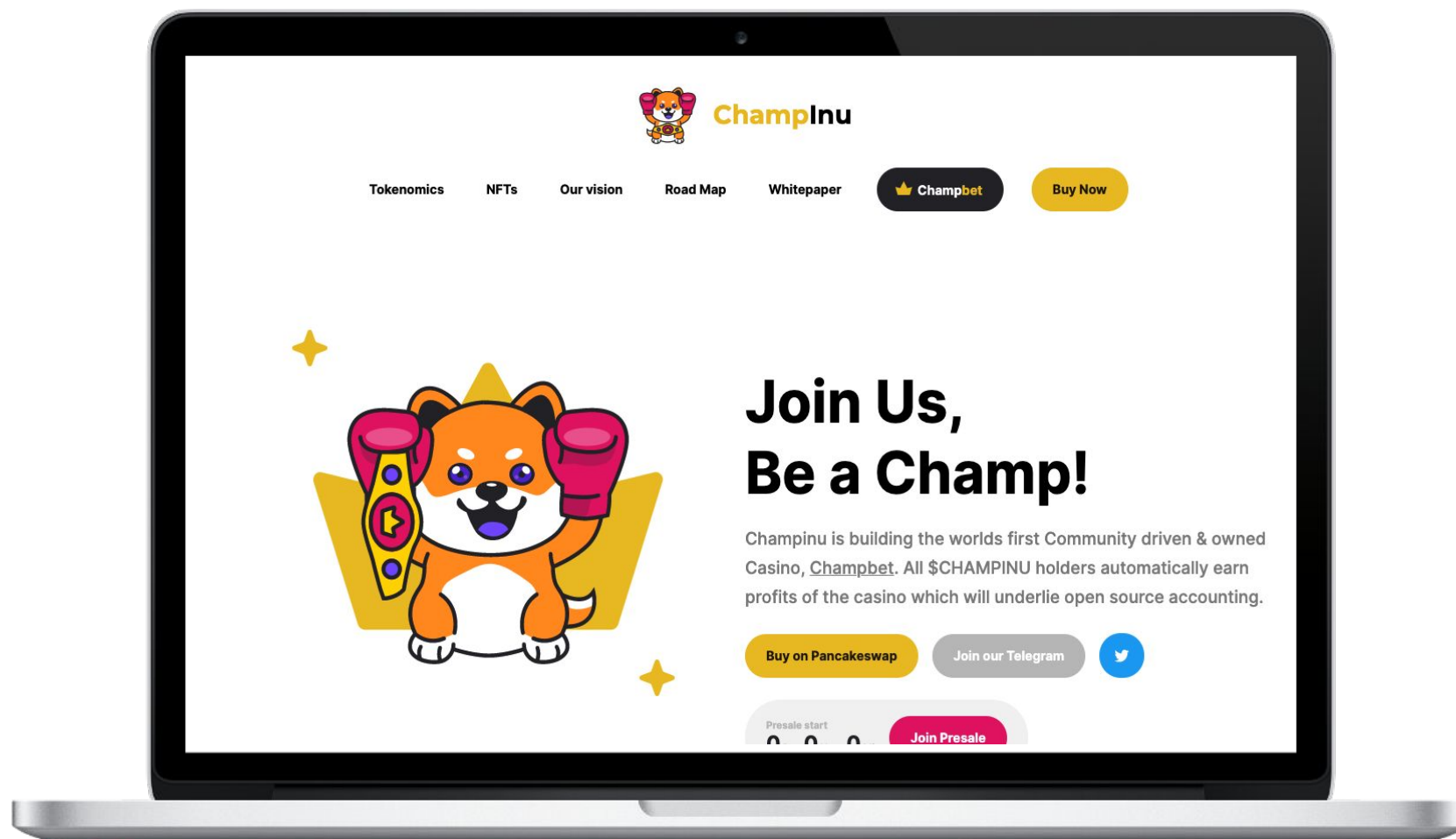
According to their site, Champinu is building the world's first Community driven & owned Casino, Champbet. All \$CHAMPINU holders automatically earn profits of the casino which will underlie open source accounting.

Team:

- Team unknown ⚠️

Website Analysis

- **Design:** Consistent color scheme and easy to navigate.
- **Content:** could use more information to let the visitors know the benefits of the token and future of the project. Missing links found.
- **Whitepaper:** Nicely designed. Missing the contract address. Not on the website yet ⚠️
- **Roadmap:** Roadmap found.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.

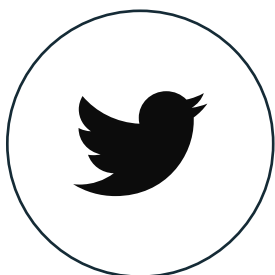


Social Media & Online Presence



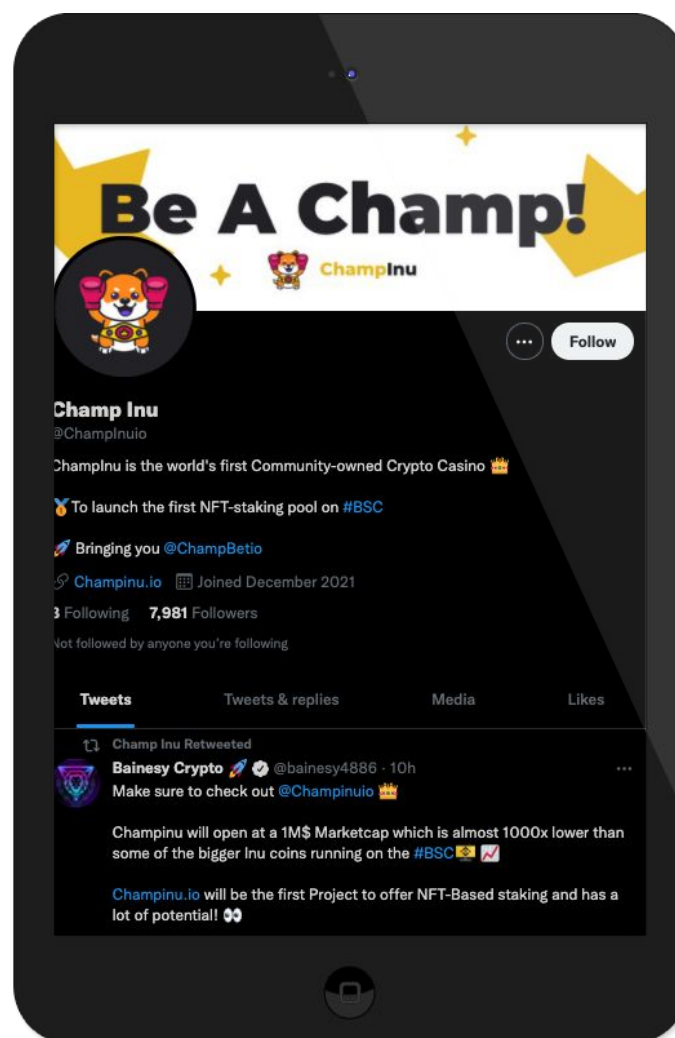
Telegram
t.me/Champinu

- 6,424 members
- New ⚠️
- A lot of members with little engagement ⚠️



Twitter
twitter.com/ChampInuio

- 7,981 Followers
- New ⚠️



About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- ▶ Website: SpyWolf.co
- ▶ Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- ▶ Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to contact@spywolf.co.

Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.